

Name _____

Review Questions:
Mean Sea Level Pressure Exercise

(Make a hardcopy of this page and return to Brian when completed)

1) In what ways are the ASOS Mean Sea Level reduction and the MSAS reduction methods different? Which one will likely engender 'smoother' analyses over complex terrain?

2) List three situations where the ASOS MSLP may give misleading results.

3) Look on AWIPS and find an example where the values of sea level pressure (or gradients of pressure) are significantly different (more than 3 mb or so) between different models, or a specific model and the ASOS analyses. Using what you know about the derivation of SLP from the web training exercise, explain the differences you see. Please make a hardcopy of the AWIPS analyses with your discussion.